

Carlee's Home Daycare Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Carlee's Home Daycare, 15310 Grandville, Detroit, MI., on May 19th, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Demetrius Danforth on May 11^{th} , 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355465 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Carlee's Home Daycare, DC-01-BF-01-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Detected Sampled Prepped Analyzed Inorganic Analytes - Metals	Fed Id # Contaminant	Method	Standard	Units	LRL	Level	DF	Date/Time	Date	Date/Time
Inorganic Analytes - Metals						Detected		Sampled	Prepped	Analyzed
Inorganic Analytes - Metals										

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

James Abston, Operations Manager

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ANALYTICAL REPORTS

SAMPLE CODE: 356466 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Carlee's Home Daycare, DC-01-BF-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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Report Notes:

Detected	Sampled	Prepped	Analyzed
			5/25/2016
Inorganic Analy	Inorganic Analytes - Metals mg/L 0.001 ND		

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ANALYTICAL REPORTS

SAMPLE CODE: 355467 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Carlee's Home Daycare, DC-01-KC-02-P

Source City: Detroit

Source State:MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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"DF"

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Report Notes:

Fed Id# Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
1030 Lead	200.8 0.015	Inorganic Analy	/tes - Metals ND	1 5/19/2016 06:	10	5/25/2016	

These test results may be used for compliance purpose as required.

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ANALYTICAL REPORTS

SAMPLE CODE: 355468 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Carlee's Home Daycare, DC-01-KC-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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Fed ld # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed	
1030 Lead	200.8 0.015	Inorganic Analy					
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/19/2016 06:1	0	5/25/2016	

These test results may be used for compliance purpose as required.

Analyst	Tests			
EC	200.8			

James Abston, Operations Manager

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556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 355469 5/27/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Carlee's Home Daycare, DC-02-BF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level	DF Date/Time	Date	Date/Time
		See Jess	Detected	Sampled	Prepped	Analyzed
		Inorganic A	nalytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.00	0.002	1 5/19/2016 06:	10	5/25/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 355470 5/27/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave

#200

Detroit, MI 48203

Source:

Carlee's Home Daycare, DC-02-BF-03-F

Source City: Detroit

Source State:MI

Date/Time Received:

5/20/2016 14:25

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality

"ND"

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"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

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"LRL"

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"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed ld # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
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1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/19/2016 06:	10	5/25/2016

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Sample Paid: No

Product:

Lead Only
Payment Method:

355465

TSR: EF Sold To: For Laboratory Use ONLY G. S. Group Monica Starks Lab Accounting Information: 17800 Woodward Ave Payment \$: MI 48203 Detroit Check #: Lab Comments/Special Instructions: Date Sampled : 5/19/16 Please Use Military Time, e.g. 3:00pm = 15:00 Check Time Zone: MEST CST MST PST Phone Number: Fax Number: State Forms: PWS ID# (if applicable): Sample ID or Source: DC-01- BF-01-Lab Sample Informatically 2 0 2016 Source Type: Spring Well Municipal Surface Date Received: Other: Time Received: 14 City & State: Received By:_ (If Different than Above) Sample receipt criteria checked & acceptable. Sample Collected By: Deviations from acceptable sample receipt criteria noted on PSA form. Sample Collected By: Form Completed By:

Additional Comments: Sangled at this daycare. This is location #1, First

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

355466

Sample Paid: No

Payment Method:

	TSR: EF	
Sold To:		For Laboratory Use ONLY
G. S. Group		
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	MI 40002	Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 19/	16	
	Please Use Military Time, e.g. 3.00pm = 15:00	
Check Time Zone: DEST	CST MST PST	
Client Name: Cerlue	's Home Daycare	
Phone Number: 313-	835-444Ď	
Fax Number:		
PWS ID# (if applicable):	CONTRACTOR	State Forms:
Sample ID or Source:	DC-01-BF-01-F	Lab Sample Information: ¥ 0 2016
Source Type: Spring	☐ Well ☐ Municipal ☐ Surface	Date Received:
Other:		Time Received: 14 :25
City & State: Detroic	t (lf Different than Above)	Received By: BF
Sample Collected By:	milde	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Michael Etters (Please Print)	
Form Completed By:	Michael Etters	
Additional Comments:	amphed at this days ar	2. this is location #11
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- HUSh Simp	Ne:	

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

355467

~'	TSR: EF	333407
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave Detroit	MI 48203	Payment \$:
Dellon	10200	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5 / 19 /		
,	Please Use Military Time, e.g. 3.00pm = 15:00	
Check Time Zone: DEST	. 1	
Client Name: Carlee	S Home Day Care	
Phone Number: 313-	835-4440	
Fax Number:		
PWS ID# (if applicable):	W/K 1-01-KE-02-P	State Forms:
Sample ID or Source: De	1-01-KE-02-P	Lab Sample Information:
Source Type: Spring	Well Municipal Surface	Date Received: MAY 2/0 2016/
Other:	+ 11:	Time Received: 14:25
City & State: <u>Betvo</u>	(If Different than Above)	Received By:
Sample Collected By	milpho	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
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Form Completed By:	Michal Bitzers	
Additional Comments; S DCATIONS S	sampled at this day	scare. This is location # 2
First drawi		J

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077502 05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

	TSR: EF	
Sold To:		For Laboratory Use ONLY
G. S. Group Monica Starks		Lab Accounting Information:
17800 Woodward Ave		Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : <u>5 19 1</u>	<u>16</u>	
Time Sampled: 6:16	Please Use Military Time, e.g. 3.00pm = 15:00	
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Client Name: Carlee	15 Home Duy Cara	
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	2-01-KC-02-F	Lab Sample InformationAY 2 0 2016
Source Type: Spring	☐ Well ☐ Municipal ☐ Surface	Date Received:
Other:		Time Received: 14:25
City & State: Dety	(If Different tham/Above)	Received By:
Sample Collected By:	(Şignature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
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Form Completed By:	Mich l Etters	we will be the second of the s
Additional Comments:	simpled at this do	mycere. This is location # 2,
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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077502

Order Date:

05/16/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

Cold To.	TSR: EF	
Sold To: G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	*41 40000	Payment \$:
Detroit	MI 48203	Check #:
		Lab Comments/Special Instructions:
Date Sampled : 5/19/1	<u>b</u>	-
Time Sampled: 6:10	Please Use Military Time, e.g. 3.00pm = 15.00	·
Check Time Zone: DEST CS		
Client Name: Carles	> Home Day Care	
Phone Number: 3/3-	835-4448	
Fax Number:	entings (slight flowwards entire time the flow the first size of the last recoverable and the sequence of the last last the recoverable and the sequence of the last last the recoverable and the sequence of the last last last the recoverable and the sequence of the last last last last last last last last	
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Sample ID or Source: Dc-	02-13F-03-P	Lab Sample Information AY 2 0 2016
	Well Municipal Surface	Date Received:/
Other		Time Received: 14:25
City & State: DetroiT	Different than Above)	Received By: BC
Sample Collected By:	WID X (Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Vichas Etters (Please Print)	
Form Completed By:	Tichan Etters	
Additional Comments:	moled at this days	This is location #3,
First draw.		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077502 05/16/2016

Sample Number:

355470

Product:

Lead Only

Sample Paid: No

Payment Wethod:

TSR: EF

Sold To:	ISK: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting information:
17800 Woodward Ave	444 40000	Payment \$:
Detroit	MI 48203	Check #:
Date Sampled : 5/19	1.16	Lab Comments/Special instructions:
Time Sampled: 6: 10	, , , , , , , , , , , , , , , , , , ,	
Check Time Zone: DEST		
	e's Home Dayeux	
Phone Number: 313	-835-4440	
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J Otrier.		Time Received: 14:25
City & State: Ho	(If Different than Above)	Received By: BF
Sample Collected By:	mode	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
Sample Collected By:	Michal Etters	UI FOA IOIIII.
Form Completed By:	Michael Etters	
		-
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